



MATERIAL SAFETY DATA SHEET

Issue No. 4
Date of issue : April 2007

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **A13385 Blue FCF Powder**

Chemical Characterisation: Food Blue 2 - C.I. 42090

Function: Cosmetic colour

Supplier: The Soap Kitchen

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Brilliant Blue FCF, sodium chloride.

FDA Description:

Japan Reference: Ao 1

EU Number: E133

EU Reference: Annex IV Pt 1

Hazardous components:

R

EINECS:

223-339-8

231-598-3

C.I. 42090

Sodium chloride

CAS Number:

3844-45-9

7647-14-5

3. HAZARDS IDENTIFICATION

Generally non hazardous. Permitted food colour. Dust clouds may be flammable.

4. FIRST AID MEASURES

Eye Contact: Wash with water for at least 15 minutes and obtain medical attention.

Inhalation: Remove from area and obtain medical attention.

Skin Contact: Wash with soap and water. If irritation exists, obtain medical attention.

Ingestion: In severe cases, obtain medical attention. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing Media:



water mist



foam

(✓ recommended

× must not be used)



CO₂



dry powder

Special Exposure Hazards: Product may burn or smoulder if ignited. May form flammable or explosive dust clouds in air. Thermal decomposition may produce oxides of carbon, nitrogen and sulphur.

Special Fire Fighting Precautions: Wear impervious clothing and self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: See section 8. Control dust. Provide sufficient ventilation.

Disposal Considerations: See sections 8/13.

Measures for Containing Spillage: Cover with inert material.

Measures for Cleaning up: Sweep up or vacuum up, avoiding formation of dust clouds.

Environmental Precautions: Advise local river or water authority if spillage has entered water course or sewer.

7. HANDLING AND STORAGE

Store at room temperature (15-25°C recommended) in original resealed containers and protected from direct sunlight and moisture. Use LEV throughout handling processes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

When handling dry powder, local exhaust ventilation (LEV) is essential to minimise worker exposure. UK limits (long term total dust and respirable dust) on exposure are published annually in Guidance Note EH40, HSE.

Dust: Long term total dust: 10/8 hr TWA

Respirable dust: 4/8 hr TWA

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Respiratory Protection: FFPI Nuisance dust filters

- ☒ goggles
☒ nitrile gloves (2 mm)
(Breakthrough NK)

- ☒ aprons, boots
☐

9. **PHYSICAL & CHEMICAL PROPERTIES**

Melting / Softening Point: Decomposes.

Boiling Point:

Flash Point:

Density: g.cm⁻³

Bulk Density: kg.m⁻³

Solubility in Water: Soluble.

Solubility in Oil: Insoluble.

pH: 6 - 8

Partition Coefficient (n-octanol-water):

Flammability:

Explosive Properties:

Oxidising Properties:

Evaporation Rate:

Appearance: Blue powder.

Odour: None.

10. **STABILITY AND REACTIVITY**

Stability: Thermal decomposition > 200°C.

Conditions to avoid:

Materials to avoid: Strong oxidising or reducing agents.

Hazardous Decomposition Products:

Hazardous Exothermic Reaction:

11. **TOXICOLOGY**

General Comments: Low toxicity.

Skin Contact: Non irritant - rabbit

Eye Contact: Non irritant - rabbit

Ingestion: LD₅₀ > 2000 mg/kg - rat

Inhalation: May cause discomfort to respiratory tract.

Any Further Data:

12. **ECOLOGY**

General Comments:

Bacteriological Toxicity:

Fish Toxicity:

Biodegradability and Persistence:

Bioaccumulative Potential:

Mobility:

Other Effects:

13. **DISPOSAL**

National or regional laws will determine the appropriate method of disposal. It is recommended that you refer to your local authority.

14. **TRANSPORT INFORMATION**

UN Number:

IMDG (sea):

ADR (road):

General: Not considered hazardous for transport purposes.

RID (rail):

ICAO/IATA (air):

Packaging Group:

15. **REGULATORY INFORMATION**

Labelling Information:

World Regulations:

16. **OTHER INFORMATION**

R-phrases:

Non Statutory Recommendations:

Source Information:

Notes: NA (not applicable), NK (not known), NR (not relevant). * (revised since last issue).